



California's Greenhouse Gas Emissions Trends

Gerry Bemis

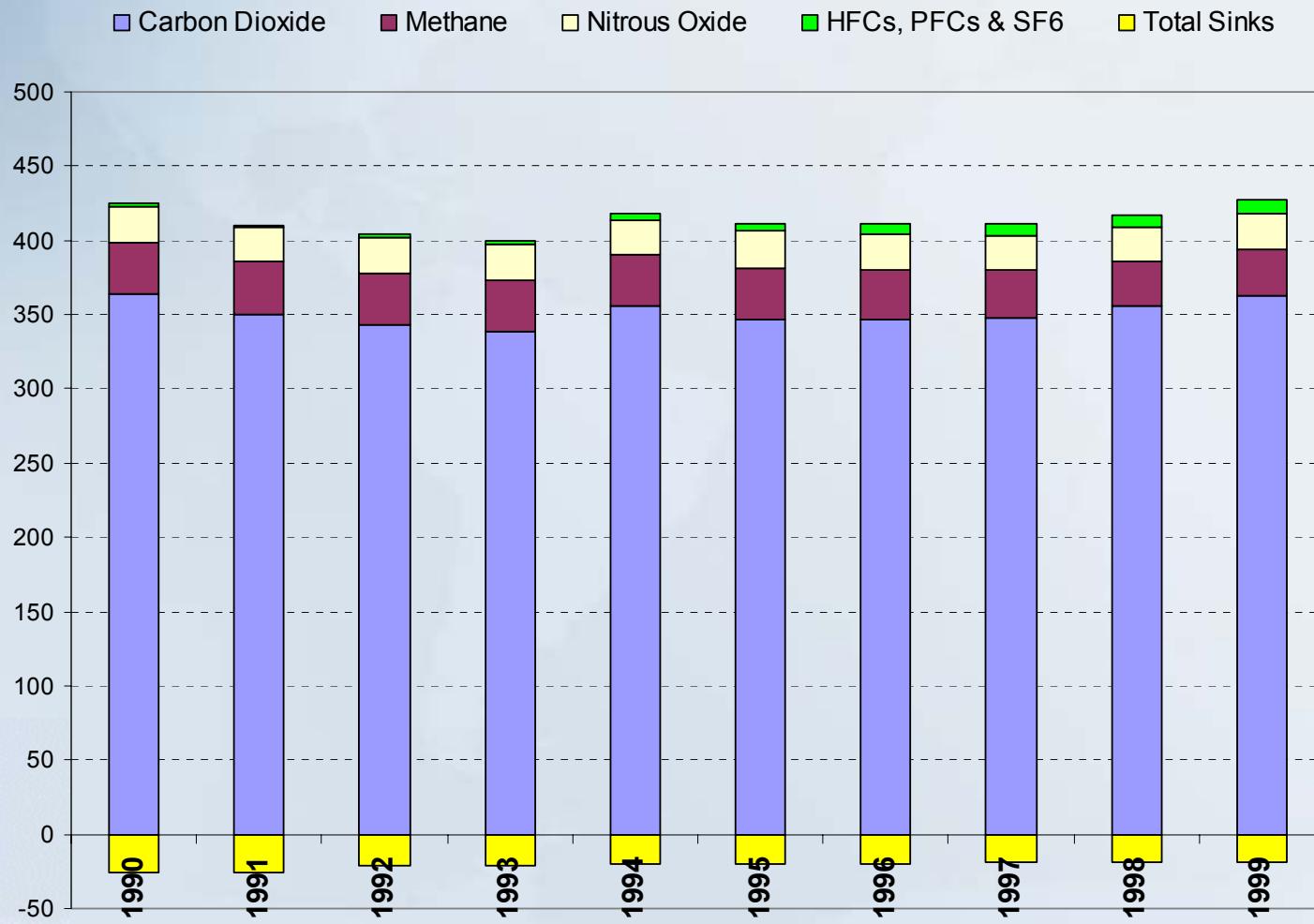


June 9, 2003

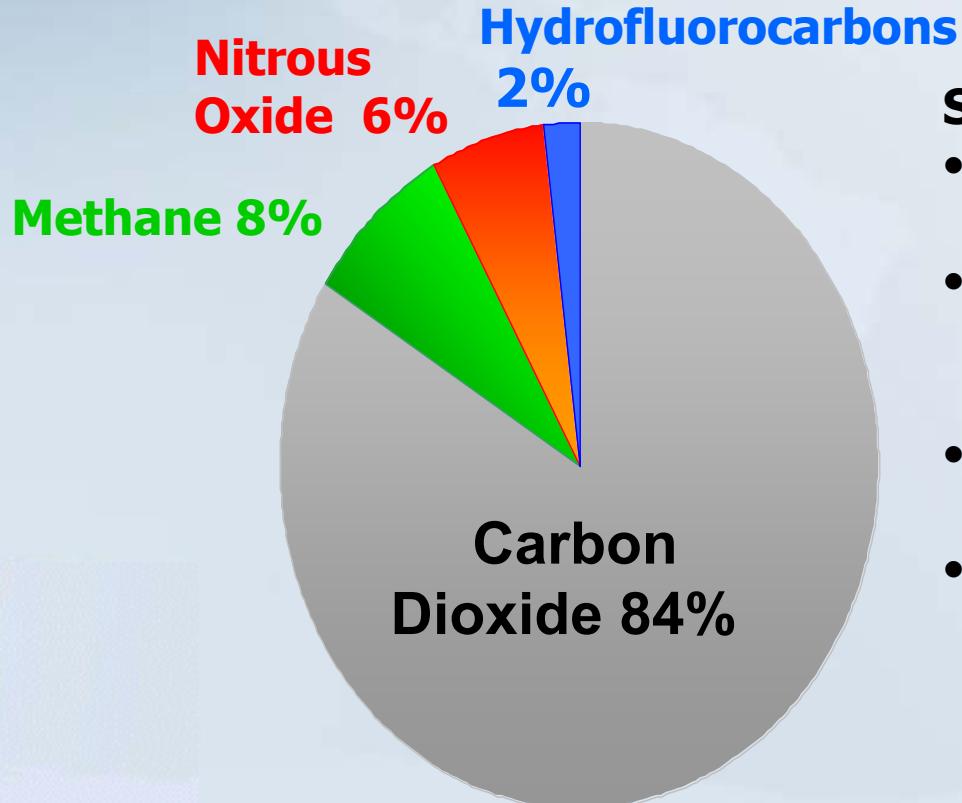


Emissions and Sinks

CA GHG Emissions and Sinks (MMTCO₂ Equiv.)



California Greenhouse Gas Emissions 1999 (In CO₂ Equivalents)



Sources:

- Carbon Dioxide (CO₂)
 - Fossil fuel combustion
- Methane
 - Fossil fuels
 - Landfills, agriculture
- Nitrous Oxide
 - Agriculture, cars
- Hydrofluorocarbons
 - Refrigerants, solvents

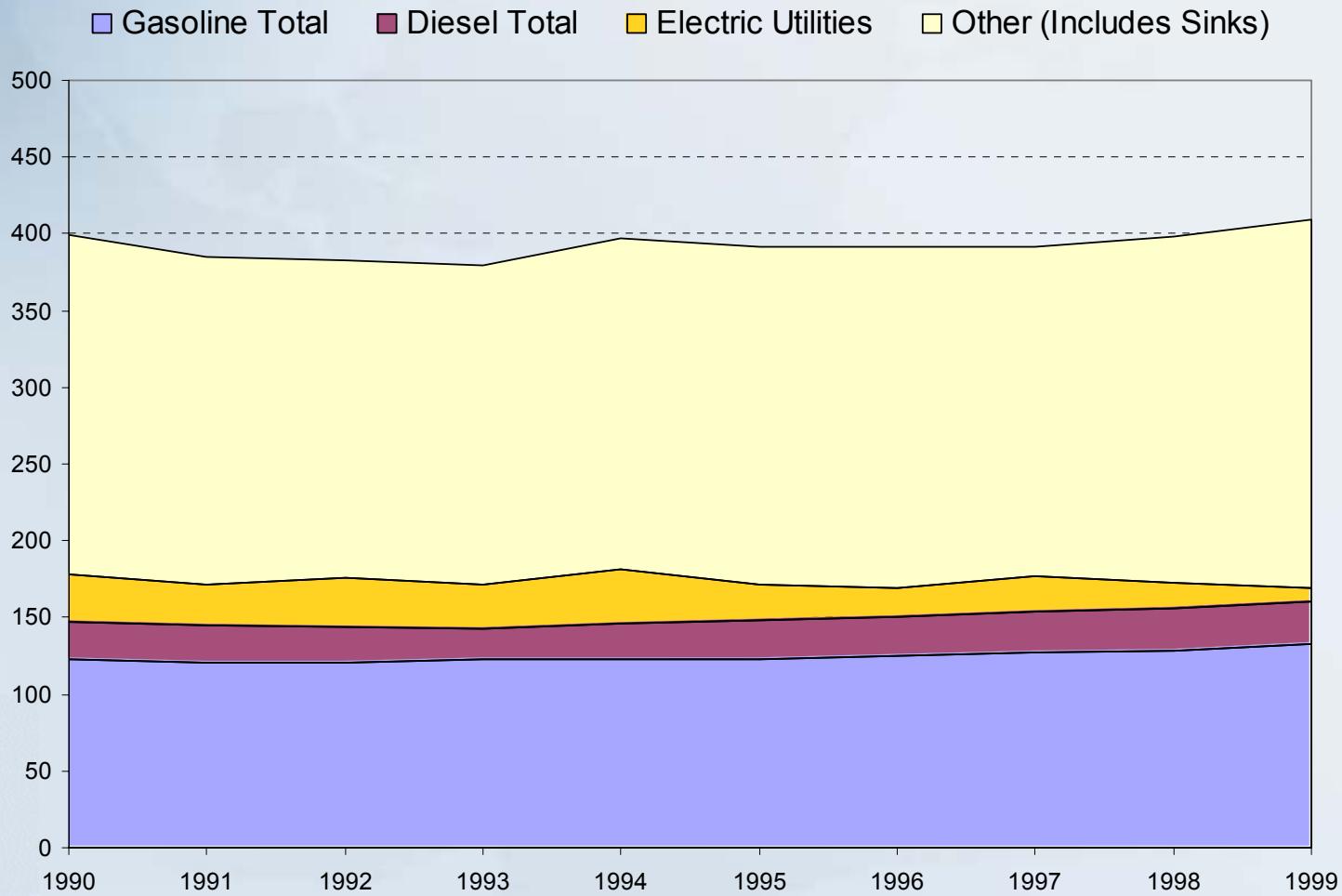
Net California GHG Emissions

(MMT CO₂ Equiv.)



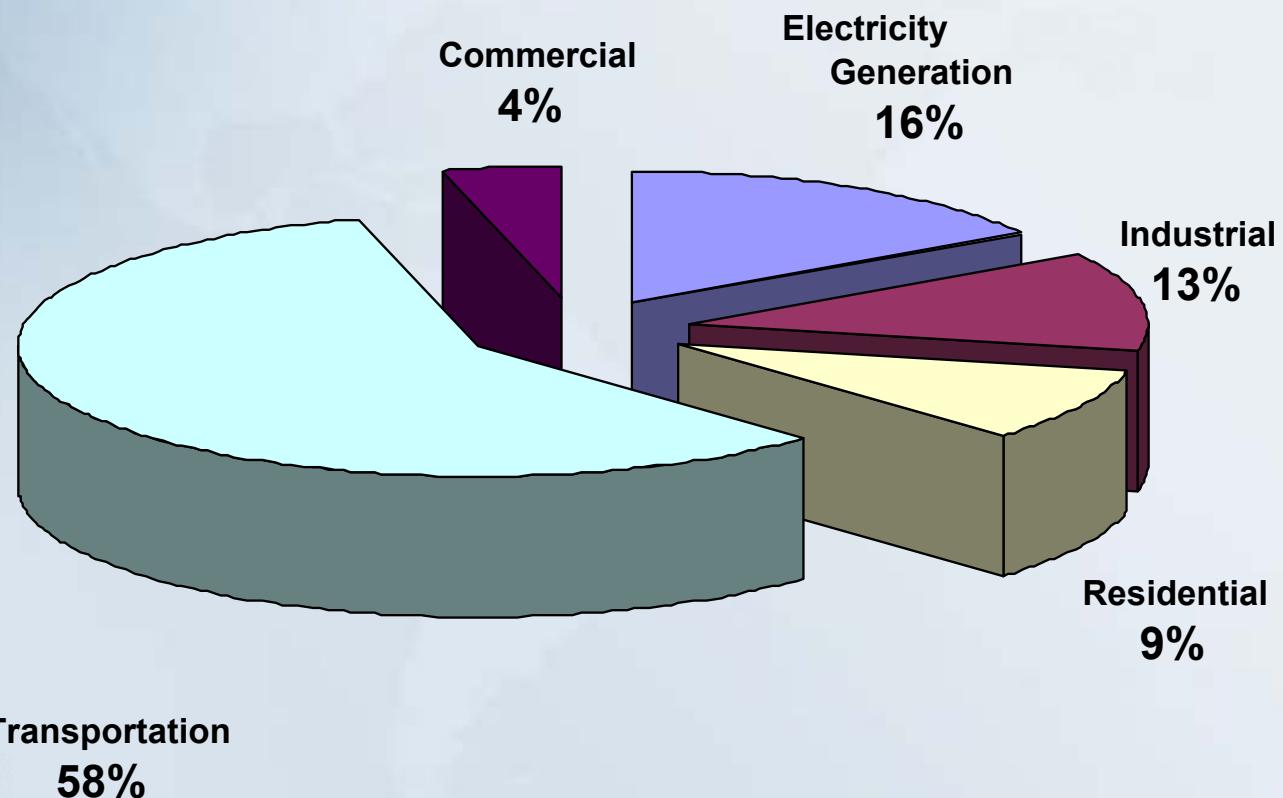
Net Calif. GHG Emissions

by Fuel Type (MMT CO₂ Equiv.)

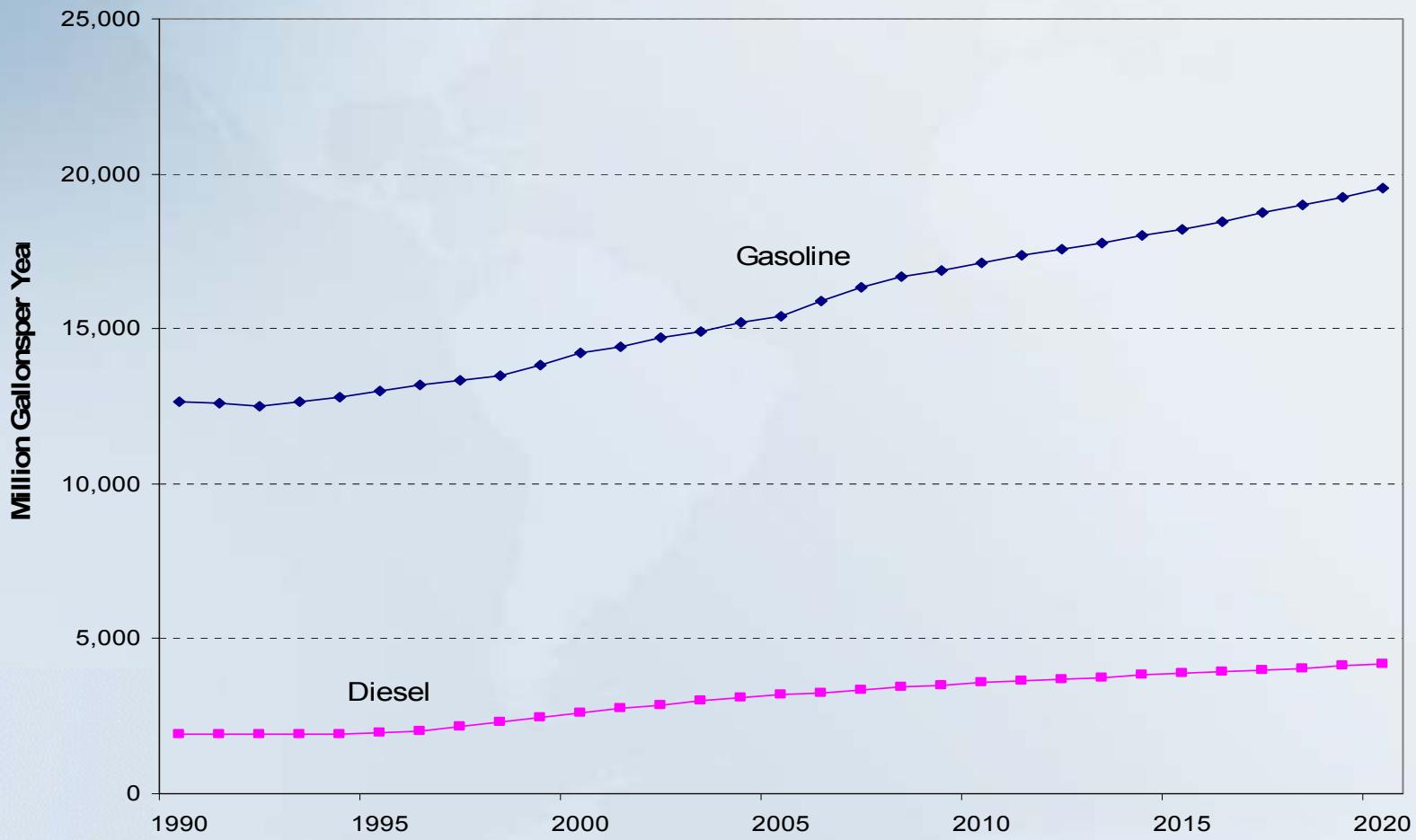


California Fossil Fuel CO₂ Emissions Sources, 1999

Transportation is California's Largest Source of CO₂



California's Gasoline and Diesel Consumption



Concluding Remarks

- Gasoline and diesel demand continue to grow.
- Transportation's contribution to GHG emissions will likewise grow without regulatory action.
- CEC intends to work with ARB to develop an updated inventory, especially projected GHG emissions.
- ARB rule-making should lead to reduced GHG emissions beginning in 2009 (AB 1493, Pavley).